



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/786,369 Confirmation No. 3406
Applicant : Shozo KOYAMA et al.
Filed : February 26, 2004
TC/A.U. : 1646
Examiner : Unknown
Dkt. No. : AMN-006-003
Cust. No. : 20374

REQUEST FOR CORRECTED FILING RECEIPT

Mail Stop Missing Parts

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 15, 2005

**Attn: Office of Initial Patent Examination's
Filing Receipt Corrections**

Sir:

A corrected filing receipt is respectfully requested for the above-identified application.

The filing receipt incorrectly identifies the filing date of international application No. PCT/JP98/00351 as "01/29/1998". The filing date of the international application is January 28, 1998.

A copy of the filing receipt with the error marked in red is enclosed. A copy of each of the declaration and the cover page of WO 98/32431, the international publication of PCT/JP98/00351, are also enclosed. The declaration and cover page of WO 98/32431 both

U.S. PATENT APPLN. S.N. 10/786,369
REQUEST FOR CORRECTED FILING RECEIPT

identify the filing date of PCT/Jp98/00351 as 01/28/1998.

In the event any fees are required, please charge our Deposit
Account No. 111833.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik
Reg. No. 40,428

Atty. Case No. AMN-006-003
The Farragut Building
Suite 710
900 17th Street, N.W.
Washington, D.C. 20006
Tel: (202) 887-9023
Fax: (202) 887-9093
KTK/jbf

Enclosures: Marked-up Filing Receipt
 Copy of Declaration
 Copy of WO 98/32431 (cover page)

Early Publication Request: No

**** SMALL ENTITY ****

BEST AVAILABLE COPY

Title

Method for producing an antigenic substance and antibody

Preliminary Class

424

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

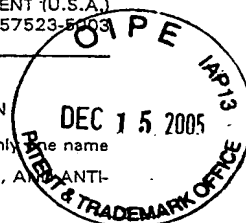
COPY

BEST AVAILABLE COPY

EXPRESS MAIL NO. EL147382061US
PATENT (U.S.A.)
ATTORNEY'S DOCKET NO. 57523-5003

DECLARATION AND POWER OF ATTORNEY

- ☒ ORIGINAL
☐ CONTINUATION
☐ DIVISIONAL



As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below at 1-4, of the invention entitled: **ANTIGEN INDUCERS, VACCINE PRECURSORS, VACCINES, ANTIBODIES, NEUTRALIZING ANTIBODIES, ANTITOXINS, IDIOTYPIC ANTIBODIES, AND ANTI-IDIOTYPIC ANTIBODIES INDUCED BY THE IDIOTYPIC ANTIBODIES**

Which is described and claimed in:

- ☐ the attached specification or
☒ the specification in application Serial No. _____ filed July 29, 1999 ☐ as amended on _____ (if applicable)
(for declaration not accompanying application)

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name. I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day/month/year)	PRIORITY CLAIMED UNDER 35 UCS §119
PCT	PCT/JP98/00351	28/1/98	<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

APPLICATION SERIAL NO.	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §120, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **ROD S. BERMAN**, Reg. No. 31,483; **BERNARD R. GANS**, Reg. No. 27,443; **BRENNAN C. SWAIN**, Reg. No. 43,175; and **DAVID J. MEYER**, Reg. No. 33,425.

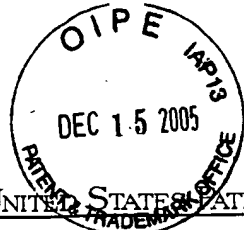
Send correspondence to:
JEFFER, MANGELS, BUTLER & MARMARO LLP
2121 Avenue of the Stars, Tenth Floor
Los Angeles, California 90067

DIRECT TELEPHONE CALLS TO: **Rod S. Berman, Esq.**
(Name and telephone number) (310) 203-8080

1	Name of Inventor	LAST NAME KOYAMA	FIRST NAME Shozo	MIDDLE NAME	Residence: CITY Nagano	STATE or COUNTRY Japan
	Post Office Address: 48-2, Oazasatoyamabe, Matsumoto-shi, Nagano 390-0221 Japan					CITIZENSHIP Japan
	Signature <i>Shozo Koyama</i>				Date <i>Aug 17, 1999</i>	
2	Name of Inventor	LAST NAME TANAKA	FIRST NAME Satoshi	MIDDLE NAME	Residence: CITY Nagano	STATE or COUNTRY Japan
	Post Office Address: Sharumankopokiri 208, 3-4-1, Oazakiri, Matsumoto-shi, Nagano 390-0871 Japan					CITIZENSHIP Japan
	Signature <i>Satoshi Tanaka</i>				Date <i>Aug 17, 1999</i>	
3	Name of Inventor	LAST NAME	FIRST NAME	MIDDLE NAME	Residence: CITY	STATE or COUNTRY
	Post Office Address					CITIZENSHIP
	Signature				Date	
4	Name of Inventor	LAST NAME	FIRST NAME	MIDDLE NAME	Residence: CITY	STATE or COUNTRY
	Post Office Address					CITIZENSHIP
	Signature				Date	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

BEST AVAILABLE COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

COPY

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/786,369	02/26/2004	1641	471	AMN-006-003	14	18	5

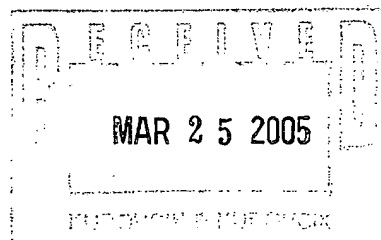
CONFIRMATION NO. 3406

CORRECTED FILING RECEIPT



OC000000015548523

020374
KUBOVCIK & KUBOVCIK
SUITE 710
900 17TH STREET NW
WASHINGTON, DC 20006



Date Mailed: 03/24/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Shozo Koyama, Nagano, JAPAN;
Satoshi Tanaka, Nagano, JAPAN;

Power of Attorney:

Keiko Kubovcik-40428

Domestic Priority data as claimed by applicant

This application is a CON of 09/881,664 06/18/2001 ABN
which is a CON of 09/355,642 11/10/1999 ABN
which is a 371 of PCT/JP98/00351 ~~01/29/1998~~
01/28/1998

Foreign Applications

JAPAN 9-028295 01/29/1997

If Required, Foreign Filing License Granted: 05/18/2004

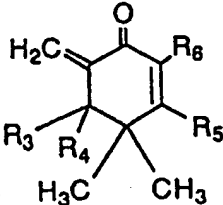
The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/786,369**

Projected Publication Date: Not Applicable

Non-Publication Request: No





(51) 国際特許分類6 A61K 31/12, 39/00, 39/395, C07K 16/00, 16/42, C12N 5/06, 5/08 // C12P 21/08	A1	(11) 国際公開番号 WO98/32431 (43) 国際公開日 1998年7月30日(30.07.98)
(21) 国際出願番号 PCT/JP98/00351 (22) 国際出願日 1998年1月28日(28.01.98) (30) 優先権データ 特願平9/28295 1997年1月29日(29.01.97) JP (71) 出願人；および (72) 発明者 小山省三(KOYAMA, Shozo)[JP/JP] 〒390-02 長野県松本市大字里山辺48-2 Nagano, (JP) (72) 発明者；および (75) 発明者／出願人（米国についてのみ） 田中 聡(TANAKA, Satoshi)[JP/JP] 〒390 長野県松本市大字桐3-4-1 シヤルマンコーポ桐208号 Nagano, (JP) (74) 代理人 弁理士 網野 誠(AMINO, Makoto) 〒102 東京都千代田区六番町7番地 下条ビル3階 Tokyo, (JP)		(81) 指定国 AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ARIPO特許 (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), ユーラシア特許 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), 欧州特許 (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI特許 (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). 添付公開書類 国際調査報告書
(54) Title: ANTIGEN INDUCERS, VACCINE PRECURSORS, VACCINES, ANTIBODIES, NEUTRALIZING ANTIBODIES, ANTITOXINS, IDIOTYPIC ANTIBODIES, AND ANTI-IDIOTYPIC ANTIBODIES INDUCED BY THE IDIOTYPIC ANTIBODIES (54)発明の名称 抗原物質誘導剤、及びワクチン前駆体、ワクチン、抗体、中和抗体、抗毒素、イデオ抗体並びにこのイデオ抗体によって誘導される抗イデオ抗体 <div style="text-align: center;">  <p>(3-a)</p> </div> (57) Abstract Antigen inducers producing vaccine precursors having high selectivity and specificity, vaccines, antibodies including idiotypic antibodies, neutralizing antibodies, and antitoxins. These inducers, which typically have the fundamental molecular structure represented by the general formula (3-a), induce the non-functional properties of complex high molecular-weight substances forming living organisms and nonliving matters into fundamental structural substances close to the expression of the functions as far as possible by regulating quantum thermodynamically and stoichiometrically expressed functions and morphogenesis of molecules to thereby produce vaccine precursors having high selectivity and specificity, vaccines, antibodies including idiotypic antibodies, neutralizing antibodies and antitoxins. Moreover, use is made of these substances in producing antibacterial agents, antiviral agents, neutralizing antibodies, antitoxins, anticancer agents, antiprotozoal agents against <i>Plasmodium</i> , <i>Spirochaeta</i> , etc., molecular discriminators, histocompatibility enhancers, immune response promoters or immune response regulators serving as labels for antibodies, tissues and organs, and complement chain reaction promoters.		